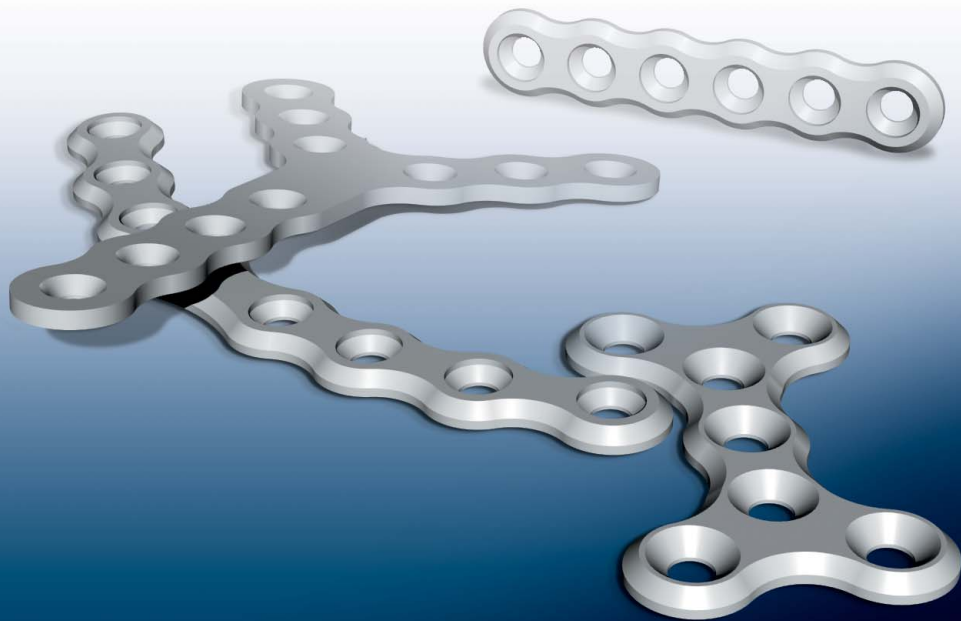


Biobsorb

Biobsorb 1.6 System
Biobsorb 2.0 System
Biobsorb Instruments



Biobsorb Plating System



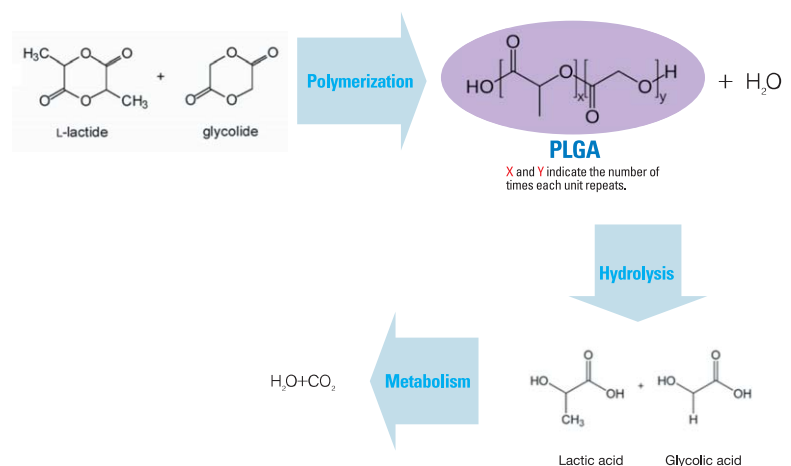
“Biobsoorb Plating system” is made with 82:18 poly(L-lactide-co-glycolide). This raw material is formed by the co-polymerization of L-lactide and glycolide. This copolymer is biocompatible and absorbable, and osteoconductive. It provides enough physical strength for the reconstruction of cranio-maxillofacial bone.

Materials

L-lactide + Glycolide → **PLGA** (Poly L-lactide-co-glycolide)

Mechanism of Materials Action

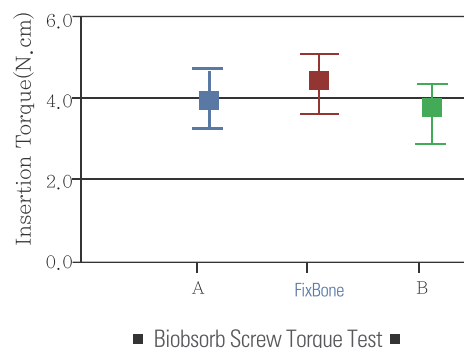
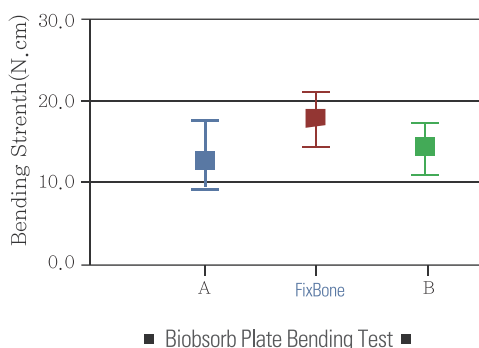
“Biobsoorb plating system” is designed to retain approximately 80% of its initial strength until 16 weeks after the operation. After that it is gradually absorbed into the body.



Features

- ▶ High strength
- ▶ Strength maintained at least 16 weeks
- ▶ In vivo biodegradable in 12 months
- ▶ No need for secondary surgery to remove the implant
- ▶ Increase of fixation power (Maximizing contact resistance)

Plate and Screw Strenth



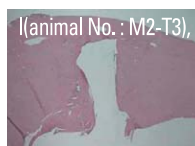
Preclinical Case Study

Implantation Test , 12 weeks (MTK-6834 / KTR)



Animal
 ·New Zealand White Rabbit

Rule
 ·ISO 10993-6 (2007)
 ·Notice of KFDA No.2011-58



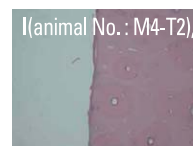
x50, H&E



x400, H&E



x50, H&E



x400, H&E

Result: Approval
 ·Histological evaluation: 0.00
 ·Bio-reactivity rating: Non- irritant

SYSTEM

Biobsoorb 1.6 System(Micro)

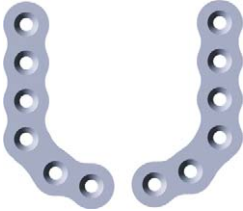
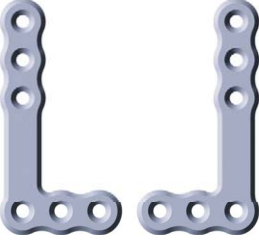
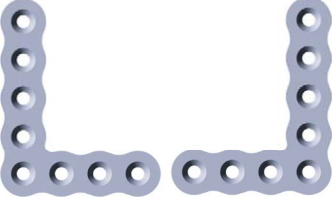



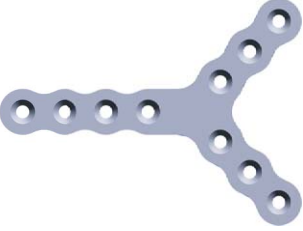


Partner for Life Care

“Biobsoorb Plating system” is designed not only to provide an innovative surgical procedure for surgeons, but also to help the patient’s speedy recovery.



Scale 1:1

Shape	Product Code	Thickness
	PLT05-0525-04ST	0.5T
	PLT10-0621-04ST	0.8T
	PLT10-0624-04ST	0.8T
	PLT10-0629-04ST	0.8T
	PLT05-0538-06ST	0.5T
	PLT10-0631-06ST	0.8T
	PLT10-0641-08ST	0.8T
	PLT10-0651-10ST	0.8T
	PLT10-0726-04CC	0.8T
	PLT10-0938-06CC	0.8T
	PLT10-1250-08CC	0.8T
	PLT10-2111-05LR PLT10-2111-05LL	0.8T











Shape	Product Code	Thickness
	PLT10-2714-06LR PLT10-2714-06LL	0.8T
	PLT10-3116-06LR PLT10-3116-06LL	0.8T
	PLT10-2621-08LR PLT10-2621-08LL	0.8T
	PLT10-1424-07XX	0.8T
	PLT10-2116-06TT	0.8T
	PLT10-2114-05YY	0.8T
	PLT10-3930-10YY	0.8T
	PLT10-1525-08ST	0.8T
	BSR1604-PG BSR1605-PG BSR1606-PG BSR1608-PG	1.6X4mm 1.6X5mm 1.6X6mm 1.6X8mm


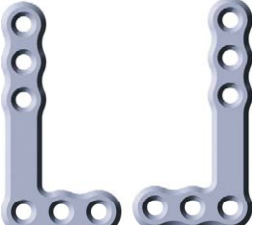
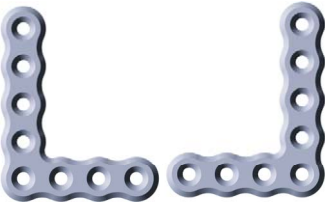




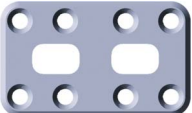

SYSTEM

Biobsorb 2.0 System(Mini)



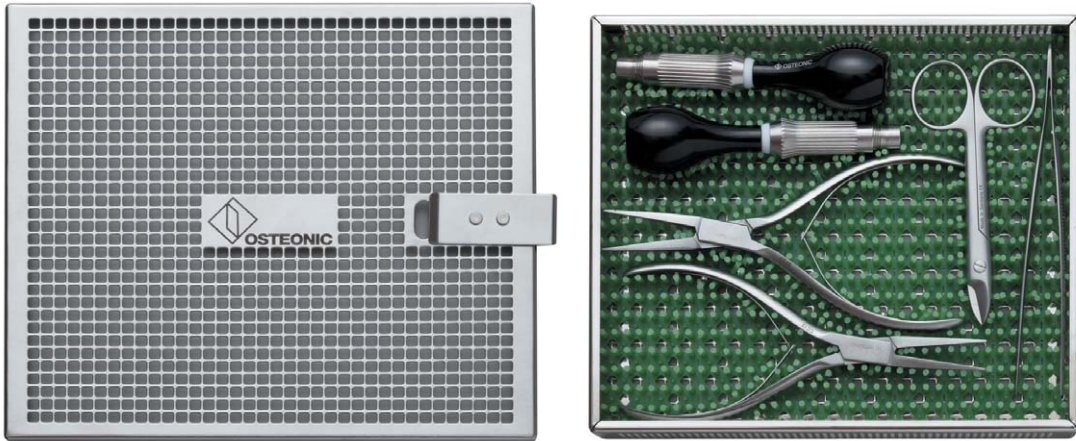
Scale 1:1

Shape	Product Code	Thickness
	PLT15-0521-04ST	1.2T
	PLT15-0624-04ST	1.2T
	PLT15-0629-04ST	1.2T
	PLT15-0531-06ST	1.2T
	PLT15-0641-08ST	1.2T
	PLT15-0651-10ST	1.2T
	PLT15-0628-04CC	1.2T
	PLT15-0940-06CC	1.2T
	PLT15-1251-08CC	1.2T
	PLT15-2010-05LR PLT15-2010-05LL	1.2T

Shape	Product Code	Thickness
	PLT15-2614-06LR PLT15-2614-06LL	1.2T
	PLT15-3116-06LR PLT15-3116-06LL	1.2T
	PLT15-2520-08LR PLT15-2520-08LL	1.2T
	PLT15-0525-07XX	1.2T
	PLT15-2116-06TT	1.2T
	PLT15-2114-05YY	1.2T
	PLT15-1418-04ST	1.2T
	PLT15-1525-08ST	1.2T
	BSR2004-PG BSR2005-PG BSR2006-PG BSR2007-PG BSR2008-PG BSR2010-PG	2.0X4mm 2.0X5mm 2.0X6mm 2.0X7mm 2.0X8mm 2.0X10mm

Biobsorb Tray

FB-TIA-001



Shaft & Drill Bit Case

IOC-201



Screw Driver Shaft

CMF-1620-DV



Drill Bit



Ø1.2x4mm	CMF-1604-DR
Ø1.2x6mm	CMF-1606-DR
Ø1.2x8mm	CMF-1608-DR
Ø1.6x4mm	CMF-2004-DR
Ø1.6x6mm	CMF-2006-DR
Ø1.6x8mm	CMF-2008-DR
Ø1.6x10mm	CMF-2010-DR

Tapping Drill Bit



Ø1.6x4mm	CMF-1604-TA
Ø1.6x6mm	CMF-1606-TA
Ø1.6x8mm	CMF-1608-TA
Ø2.0x4mm	CMF-2004-TA
Ø2.0x6mm	CMF-2006-TA
Ø2.0x8mm	CMF-2008-TA
Ø2.0x10mm	CMF-2010-TA

Hand Body for Driver Shaft

IOC-016



Forcep

IOC-031



Cutter

IOC-040



Bender(2ea/set)

IOC-070



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